

ABSTRACT OF THE DISCLOSURE

A CMOS image sensor that outputs signal data before outputs reset data, and a driving method therefor. The CMOS image sensor includes a pixel sensor, a data I/O line, a double sampling circuit and an output circuit. The pixel sensor generates signal data and reset data. The signal data has a voltage level depending on an amount of photo-charge produced in response to energy received externally. The reset data is produced in a reset mode. The data I/O line transfers the generated signal data and the reset data. The double sampling circuit samples the signal data and then the reset data, from the data I/O line, and drives an output terminal. The output circuit outputs data related to a voltage level of the output terminal.